

SEQUENCE LISTING

<110> Roth, Monica

Bupp, Keith

<120> Targeting Viral Vectors to Specific Cells

<130> 601-1-095N

<140> not yet assigned

<141> 2001-06-13

<160> 27

<170> PatentIn version 3.0

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<211> 65

<212> PRT

<213> moloney murine leukemia virus

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Arg Asp Cys Glu Glu Pro Leu Thr Ser Leu Thr Pro Arg Cys Asn Thr
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Ala Trp Asn Arg Leu Lys Leu Asp Gln Thr Thr His Lys Ser Asn Glu
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Gly

65

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<213> moloney murine leukemia virus

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Leu Ser Lys Val Ser Asn Ser Phe Gln Gly Ala Thr Arg Gly
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Ala Arg Tyr Ser Ser Ser Lys Tyr Gly Cys Lys Thr Thr Asp Arg Lys

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Lys Gln Gln Gln Thr Tyr Pro

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Gln Asp Asn Ser Cys Glu

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His Ala Pro Ser Leu Gly Pro Lys Gly Thr His

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Asp Ser Trp Glu His Thr Glu Arg Thr Pro His Asn Ser Tyr Pro Pro
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Cys Arg His Ser Asp
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Gly Lys Arg Thr Arg Glu
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Tyr Pro Ser Ser Lys Tyr Gly Cys
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Trp Glu Pro Met Ala Pro Asp Pro Arg Ser Trp Ala Arg Tyr Ser Ser
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Ser Ile His Gly Cys
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Ser Lys Tyr Gly Cys

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<212> PRT

<213> Amphotropic Murine Leukemia Virus

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Glu Glu Trp Asp Pro Ser Asp Gln Glu Pro Tyr Val Gly Tyr
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<213> Amphotropic Murine Leukemia Virus

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Val Gly Asp Thr Trp Glu Pro Ile Val Leu Asn Pro Thr Asn Val Lys
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His Gly Ala Arg Tyr Ser Ser Lys Tyr Gly Cys Lys
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Val Gly Thr Asp Trp Glu Pro Met Ala Pro Asp Pro Arg Ser Trp Ala
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Arg Tyr Ser Ser Ser Thr His Gly Cys Lys
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<210> 19
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Lys Tyr Pro Ala Gly Arg Gln Arg Thr
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<213> Amphotropic Murine Leukemia Virus

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Pro Trp Asp Thr Gly Cys Ser Lys Val Ala Cys Gly Pro Cys Tyr Asp
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Leu Ser Lys Val Ser Asn Ser Phe Gln Gly Ala Thr Arg
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<400> 26

Ser Pro Tyr Ser Ser Asp Thr Thr Pro Ala
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<210> 27
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<213> Moloney Mink Cell Focus-Inducing Virus

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Asp Leu Ile Gly Asp Asp Trp Asp Glu Thr Gly Leu Gly Cys Arg Thr
1 5 10 15

Pro Gly Gly Arg Lys Arg Ala
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